From: Chavira, Raymond

Sent: Wednesday, August 27, 2014 10:46 AM

To: Brad Barquest

Cc: Platt, David UTC;Maldonado, Lewis

**Subject:** FW: Submittal of Additional Information Pertaining to the Completion of the Woodland

Duck Farm Supplemental Environmental Project Completion, Amended Consent

Decree, Case No. CV-05-6022 ABC (FMOx)

#### Brad,

We are still waiting on the required information. If we do not receive this information by September 30, 2014, EPA may initiate enforcement actions pursuant to the Carrier Consent Decree.

#### Ray

From: Chavira, Raymond

Sent: Wednesday, May 29, 2013 2:55 PM

To: Barquest, Bradley A UTCHQ

Cc: Maldonado, Lewis

Subject: RE: Submittal of Additional Information Pertaining to the Completion of the Woodland Duck Farm Supplemental

Environmental Project Completion, Amended Consent Decree, Case No. CV-05-6022 ABC (FMOx)

#### Brad,

We cannot grant final approval of the SEP at this time. As indicated in App. C of your submittal of invoices that UTC deducted SEP expenses on its income taxes in contradiction with Paragraph 71 of the Carrier CD.

Please submit documentation as soon as this issue has been resolved (expected in August 2014) so that we may verify and grant final approval.

#### Ray

\_\_\_\_\_

Raymond Chavira
Environmental Scientist/Remedial Project Manager
EPA Region IX
75 Hawthorne Street, SFD-7-3
San Francisco, CA 94105-3901
(415) 947-4218
(415) 947-3528 fax

From: Barquest, Bradley A UTCHQ [mailto:Bradley.Barquest@utc.com]

**Sent:** Wednesday, May 29, 2013 6:09 AM

To: Chavira, Raymond

**Subject:** FW: Submittal of Additional Information Pertaining to the Completion of the Woodland Duck Farm Supplemental Environmental Project Completion, Amended Consent Decree, Case No. CV-05-6022 ABC (FMOx)

Ray, just checking on the status of your review/approval of the above and the overall Completion of the Woodland Duck Farm Supplemental Environmental Project.

Call or e-mail with questions

Bradley A Barquest, R.G.
United Technologies Corporation
Telephone 763-432-5695
e-fax 860-622-0566
bradley.barquest@utc.com

From: Barquest, Bradley A UTCHQ Sent: Friday, April 05, 2013 8:43 AM To: 'Chavira.Raymond@epamail.epa.gov'

Subject: Submittal of Additional Information Pertaining to the Completion of the Woodland Duck Farm Supplemental

Environmental Project Completion, Amended Consent Decree, Case No. CV-05-6022 ABC (FMOx)

Ray the attached file contains the additional information requested in your January 11, 2013 letter [Conditional Approval of Supplemental Environmental Project Completion, Amended Consent Decree, Case No. CV-05-6022 ABC (FMOx)]. A hard copy of the attached will also be sent via First Class Mail.

Please contact me with any questions or comments.

Bradley A Barquest, R.G. United Technologies Corporation Telephone 763-432-5695 e-fax 860-622-0566 bradley.barquest@utc.com

From: Platt, David UTC <David.Platt@utc.com>

Sent: Wednesday, August 27, 2014 10:46 AM

**To:** Chavira, Raymond

**Subject:** Automatic reply: Submittal of Additional Information Pertaining to the Completion of

the Woodland Duck Farm Supplemental Environmental Project Completion, Amended

Consent Decree, Case No. CV-05-6022 ABC (FMOx)

I am out of the office until Friday, August 29, 2014, and will have only limited access to voicemail and email. Please contact me on my cell phone, or my Assistant, Cathy Bentley (860-728-7803) if urgent. Thanks.

From: Platt, David UTC < David.Platt@utc.com>

**Sent:** Tuesday, September 02, 2014 5:59 AM

**To:** Chavira, Raymond

**Subject:** RE: Submittal of Additional Information Pertaining to the Completion of the Woodland

Duck Farm Supplemental Environmental Project Completion, Amended Consent

Decree, Case No. CV-05-6022 ABC (FMOx)

#### Brad

Did we get Rick's letter submitted? Can you shoot me a copy? Thanks.

DP

From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov]

Sent: Wednesday, August 27, 2014 1:46 PM

To: Barquest, Bradley A UTCHQ

Cc: Platt, David UTC; Maldonado, Lewis

Subject: [External] FW: Submittal of Additional Information Pertaining to the Completion of the Woodland Duck Farm

Supplemental Environmental Project Completion, Amended Consent Decree, Case No. CV-05-6022 ABC (FMOx)

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Sent: Wednesday, May 29, 2013 2:55 PM

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Cc: Maldonado, Lewis

Subject: RE: Submittal of Additional Information Pertaining to the Completion of the Woodland Duck Farm Supplemental

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**Raymond Chavira** 

Environmental Scientist/Remedial Project Manager

EPA Region IX 75 Hawthorne Street, SFD-7-3 San Francisco, CA 94105-3901 (415) 947-4218 (415) 947-3528 fax

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To: Chavira, Raymond

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Call or e-mail with questions

Bradley A Barquest, R.G. United Technologies Corporation Telephone 763-432-5695 e-fax 860-622-0566 bradley.barquest@utc.com

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Environmental Project Completion, Amended Consent Decree, Case No. CV-05-6022 ABC (FMOx)

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Please contact me with any questions or comments.

Bradley A Barquest, R.G. United Technologies Corporation Telephone 763-432-5695 e-fax 860-622-0566 bradley.barquest@utc.com

From: Chavira, Raymond

**Sent:** Tuesday, September 02, 2014 9:02 AM

To: Brad Barquest

**Subject:** FW: Submittal of Additional Information Pertaining to the Completion of the Woodland

Duck Farm Supplemental Environmental Project Completion, Amended Consent

Decree, Case No. CV-05-6022 ABC (FMOx)

#### Brad,

This was sent to me.

From: Platt, David UTC [mailto:David.Platt@utc.com]

Sent: Tuesday, September 02, 2014 5:59 AM

To: Chavira, Raymond

Subject: RE: Submittal of Additional Information Pertaining to the Completion of the Woodland Duck Farm Supplemental

Environmental Project Completion, Amended Consent Decree, Case No. CV-05-6022 ABC (FMOx)

#### **Brad**

Did we get Rick's letter submitted? Can you shoot me a copy? Thanks.

DP

From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov]

Sent: Wednesday, August 27, 2014 1:46 PM

To: Barquest, Bradley A UTCHQ

Cc: Platt, David UTC; Maldonado, Lewis

Subject: [External] FW: Submittal of Additional Information Pertaining to the Completion of the Woodland Duck Farm

Supplemental Environmental Project Completion, Amended Consent Decree, Case No. CV-05-6022 ABC (FMOx)

#### Brad,

We are still waiting on the required information. If we do not receive this information by September 30, 2014, EPA may initiate enforcement actions pursuant to the Carrier Consent Decree.

Ray

From: Chavira, Raymond

Sent: Wednesday, May 29, 2013 2:55 PM

To: Barquest, Bradley A UTCHQ

Cc: Maldonado, Lewis

Subject: RE: Submittal of Additional Information Pertaining to the Completion of the Woodland Duck Farm Supplemental

Environmental Project Completion, Amended Consent Decree, Case No. CV-05-6022 ABC (FMOx)

Brad,

We cannot grant final approval of the SEP at this time. As indicated in App. C of your submittal of invoices that UTC deducted SEP expenses on its income taxes in contradiction with Paragraph 71 of the Carrier CD.

Please submit documentation as soon as this issue has been resolved (expected in August 2014) so that we may verify and grant final approval.

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Raymond Chavira
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75 Hawthorne Street, SFD-7-3
San Francisco, CA 94105-3901
(415) 947-4218
(415) 947-3528 fax

From: Barquest, Bradley A UTCHQ [mailto:Bradley.Barquest@utc.com]

**Sent:** Wednesday, May 29, 2013 6:09 AM

To: Chavira, Raymond

**Subject:** FW: Submittal of Additional Information Pertaining to the Completion of the Woodland Duck Farm Supplemental Environmental Project Completion, Amended Consent Decree, Case No. CV-05-6022 ABC (FMOx)

Ray, just checking on the status of your review/approval of the above and the overall Completion of the Woodland Duck Farm Supplemental Environmental Project.

Call or e-mail with questions

Bradley A Barquest, R.G. United Technologies Corporation Telephone 763-432-5695 e-fax 860-622-0566 bradley.barquest@utc.com

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**Subject:** Submittal of Additional Information Pertaining to the Completion of the Woodland Duck Farm Supplemental

Environmental Project Completion, Amended Consent Decree, Case No. CV-05-6022 ABC (FMOx)

Ray the attached file contains the additional information requested in your January 11, 2013 letter [Conditional Approval of Supplemental Environmental Project Completion, Amended Consent Decree, Case No. CV-05-6022 ABC (FMOx)]. A hard copy of the attached will also be sent via First Class Mail.

Please contact me with any questions or comments.

Bradley A Barquest, R.G. United Technologies Corporation Telephone 763-432-5695 e-fax 860-622-0566 bradley.barquest@utc.com

From: Barquest, Bradley A UTCHQ < Bradley.Barquest@utc.com>

Sent: Tuesday, September 02, 2014 10:03 AM

**To:** Chavira, Raymond

**Subject:** RE: Submittal of Additional Information Pertaining to the Completion of the Woodland

Duck Farm Supplemental Environmental Project Completion, Amended Consent

Decree, Case No. CV-05-6022 ABC (FMOx)

#### Thanks Ray,

We have taken care of the tax issues and are in the process of having an executive of UTC verify the same.

Hope to have this to you by weeks end (depending on availability of the signing executive).

Bradley A Barquest, R.G.
United Technologies Corporation
Telephone 763-432-5695
e-fax 860-622-0566
bradley.barquest@utc.com

From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov]

Sent: Tuesday, September 02, 2014 11:02 AM

To: Barquest, Bradley A UTCHQ

**Subject:** [External] FW: Submittal of Additional Information Pertaining to the Completion of the Woodland Duck Farm Supplemental Environmental Project Completion, Amended Consent Decree, Case No. CV-05-6022 ABC (FMOx)

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This was sent to me.

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Sent: Tuesday, September 02, 2014 5:59 AM

To: Chavira, Raymond

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Did we get Rick's letter submitted? Can you shoot me a copy? Thanks.

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Sent: Wednesday, August 27, 2014 1:46 PM

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Cc: Platt, David UTC; Maldonado, Lewis

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To: Barquest, Bradley A UTCHQ

Cc: Maldonado, Lewis

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Please contact me with any questions or comments.

Bradley A Barquest, R.G. United Technologies Corporation Telephone 763-432-5695 e-fax 860-622-0566 bradley.barquest@utc.com

From: O'Dea Brill, Maureen < Maureen.ODeaBrill@klgates.com>

Sent: Monday, September 08, 2014 3:20 PM

**To:** Chavira, Raymond

Subject: RE: Follow up on R9FOIA Request - EPA-R9-2014-009888

Dear Mr. Chavira,

Thank you for your call and your follow-up email. I have shared this inquiry with my colleague, Jack Krill, and will let you know how to best frame the document production.

Sincerely, Maureen



#### Maureen O'Dea Brill

K&L Gates LLP Market Square Plaza 17 North Second Street, 18th Floor Harrisburg, Pennsylvania 17101

Phone: 717.231.5832 Fax: 717.231.4501

Maureen.O'DeaBrill@klgates.com

www.klgates.com

From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov]

Sent: Monday, September 08, 2014 1:30 PM

To: O'Dea Brill, Maureen

**Cc:** Maldonado, Lewis; Hiett, Richard; Shine, Katherine; Johnson, Ivry **Subject:** Follow up on R9FOIA Request - EPA-R9-2014-009888

Ms. O'Dea Brill,

Per our discussion this morning on EPA R9-FOIA-2014-0009888. The FOIA will be prepared under a two track process One through the Region 9 Superfund program and the other through EPA's Office of Criminal Enforcement Forensics and Training (OCEFT) in Washington, DC.

I will responding to your general request for all records related to Northrop Grumman/TRW. You agreed to consider whether the request will be limited to records provided to EPA (a) prior to Dec 2012; and/or (b) after Dec 2012. Please note the PVOU Administrative Record was last updated in Sep 2011 just prior to the issuance of the UAO 2011-14 to Northrop Grumman.

EPA will work to accommodate your request by October 1, 2014, however, due to the potential high volume of documents, we are requesting a 15-day extension to October 16, 2014.

Please feel free to call me at 415.947.4218 if you have any questions.

Raymond Chavira

Environmental Scientist/Remedial Project Manager EPA Region IX 75 Hawthorne Street, SFD-7-3 San Francisco, CA 94105-3901 (415) 947-4218 (415) 947-3528 fax

This electronic message contains information from the law firm of K&L Gates LLP. The contents may be privileged and confidential and are intended for the use of the intended addressee(s) only. If you are not an intended addressee, note that any disclosure, copying, distribution, or use of the contents of this message is prohibited. If you have received this e-mail in error, please contact me at Maureen.ODeaBrill@klgates.com.

From: Chavira, Raymond

**Sent:** Wednesday, September 10, 2014 2:36 PM

**To:** Barquest, Bradley A UTCHQ

**Subject:** Accepted: General Comment 2 Discussion - EPA Review Comments to the August 21,

2014 Baseline Water Quality Data Tech Memo

From: O'Dea Brill, Maureen < Maureen.ODeaBrill@klgates.com>

Sent: Friday, September 12, 2014 8:08 AM

**To:** Chavira, Raymond

Cc:Maldonado, Lewis; Hiett, Richard; Shine, Katherine; Johnson, IvrySubject:RE: Follow up on R9FOIA Request - EPA-R9-2014-009888

Dear Mr. Chavira:

Thank you for our phone conversation yesterday. This email confirms our discussion and clarifies what we are seeking through the FOIA request.

Our request focuses on records directly related to Northrop Grumman's withholding of information from EPA. Any records obtained or received by EPA that mention the withholding by Northrop Grumman (including its predecessors, affiliates, employees, consultants and other agents) of information from EPA are included. Likewise, any records generated within EPA that mention Northrop Grumman's withholding of information are included. The types of records sought include emails, letters, and memoranda, both internal to EPA and involving outside parties.

We are not interested in receiving data, including that related to the 2002/3 Deep Source Investigation or to the former TRW/Benchmark Technology, Inc., facility, unless it is in a document that mentions withholding.

In clarifying this FOIA request, I hope that the burden of production is reduced. I greatly appreciate your assistance in this process. I understand this is a busy time in your office.

I am not authorized to agree to an extension. I apologize for any inconvenience.

If the request remains unclear or confusing in any way, please call me to discuss it.

Respectfully,

Maureen



#### Maureen O'Dea Brill

K&L Gates LLP Market Square Plaza 17 North Second Street, 18th Floor Harrisburg, Pennsylvania 17101 Phone: 717.231.5832

Fax: 717.231.4501

Maureen.O'DeaBrill@klgates.com

www.klgates.com

From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov]

Sent: Monday, September 08, 2014 1:30 PM

To: O'Dea Brill, Maureen

**Cc:** Maldonado, Lewis; Hiett, Richard; Shine, Katherine; Johnson, Ivry **Subject:** Follow up on R9FOIA Request - EPA-R9-2014-009888

Ms. O'Dea Brill,

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I will responding to your general request for all records related to Northrop Grumman/TRW. You agreed to consider whether the request will be limited to records provided to EPA (a) prior to Dec 2012; and/or (b) after Dec 2012. Please note the PVOU Administrative Record was last updated in Sep 2011 just prior to the issuance of the UAO 2011-14 to Northrop Grumman.

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From: Chavira, Raymond

Sent: Monday, September 22, 2014 6:42 PM

**To:** Parsons, Scott

Cc: Tom Perina; Bradley A Barquest (bradley.barquest@utc.com); Platt, David

UTCHQ (David.Platt@utc.com); Jack Krill (john.krill@klgates.com); Hiett,

Richard; Maldonado, Lewis

**Subject:** RE: Baseline Sampling Technical Memorandum and Response to Comments

Scott,

Submittal received. We will review and plan for an October meeting with UTC followed by meeting with the Water Board. It is EPA's expectation to get Board concurrence by mid-November 2014.

Ray

**From:** Parsons, Scott [mailto:Scott.Parsons@tetratech.com]

Sent: Monday, September 22, 2014 4:11 PM

To: Chavira, Raymond

Cc: Tom Perina; Bradley A Barquest (bradley.barquest@utc.com); Platt, David UTCHQ (David.Platt@utc.com); Jack Krill

(john.krill@klgates.com)

Subject: Baseline Sampling Technical Memorandum and Response to Comments

Ray,

Please find attached responses to the United States Environmental Protection Agency's (USEPA) comments on the August 21, 2104 revision of the *Evaluation of Baseline Groundwater Quality Data, Puente Valley Operable Unit, Shallow Zone North of Puente Creek* (the Technical Memorandum) as well as the associated revised Technical Memorandum.

Scott Parsons | Principal Engineer

Direct: 949.809.5222 | Main: 949.809.5000 | Fax: 949.809.5010

Scott.Parsons@tetratech.com

Tetra Tech

17885 Von Karmann Avenue | Suite 500 | Irvine, CA 92614-6213

PLEASE NOTE: This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

From: Chavira, Raymond

**Sent:** Tuesday, September 30, 2014 4:16 PM

**To:** Parsons, Scott;Ayele, Bizuayehu@Waterboards

**Cc:** Walker, James; Plate, Mathew **Subject:** RE: Vapor Intrusion Analysis

Scott,

I am checking on the status of indoor air sampling at the former BDP Carrier facilities. Have you preliminary data to share with EPA and RWQCB? If not, when can expect to see the data?

A response is appreciated.

Ray

Raymond Chavira
Environmental Scientist/Remedial Project Manager
EPA Region IX
75 Hawthorne Street, SFD-7-3
San Francisco, CA 94105-3901
(415) 947-4218
(415) 947-3528 fax

**From:** Parsons, Scott [mailto:Scott.Parsons@tetratech.com]

Sent: Tuesday, August 19, 2014 5:24 PM

To: Chavira, Raymond; Ayele, Bizuayehu@Waterboards

Cc: Walker, James

**Subject:** Vapor Intrusion Analysis

Ray,

Re the voicemail you left yesterday:

As part of the ambient air sampling currently scheduled for August 31 – September 1, Tetra Tech will have four extra Summa canisters on hand. Two of the canisters will be available as contingent sampling points in the event that presampling screening with a PID identifies potential sources of vapor intrusion at well vaults, utility vaults, floor drains, and other potential vapor intrusion conduits in the area of interest. If PID readings greater than 100 ppb are observed at a well vault, utility vault, floor drain or potential vapor intrusion conduit greater than 100 feet away from an existing sampling location, then Tetra Tech will set up a Summa canister at that location.

The remaining two Summa canisters will be kept on hand as replacement canisters. During the first hour of the sampling event, Tetra Tech personnel will monitor the status of the canisters to ensure that the valves are operating as designed. In the event that there are valves that fail, or are determined to have been miscalibrated by the lab, Tetra Tech will use the spare Summa canisters as replacements.

From: Parsons, Scott <Scott.Parsons@tetratech.com>
Sent: Wednesday, October 01, 2014 10:06 AM

To: Chavira, Raymond; Ayele, Bizuayehu@Waterboards

**Cc:** Walker, James; Plate, Mathew **Subject:** RE: Vapor Intrusion Analysis

Ray,

We plan on sending a memo and data to the LARWQCB with a copy to EPA next week.

From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov]

**Sent:** Tuesday, September 30, 2014 4:16 PM **To:** Parsons, Scott; Ayele, Bizuayehu@Waterboards

**Cc:** Walker, James; Plate, Mathew **Subject:** RE: Vapor Intrusion Analysis

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Cc: Walker, James

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From: Chavira, Raymond

**Sent:** Monday, October 06, 2014 12:09 PM **To:** Barquest, Bradley A UTCHQ

Cc: Maldonado, Lewis; Platt, David UTC; <Tom. Perina@CH2M.com>

(Tom.Perina@CH2M.com);Scott.Parsons@tetratech.com

**Subject:** RE: Decoupling of General Comment 2 of the USEPA's September 8, 2014 Comment

Letter - PVOU SZN Baseline Water Quality Evaluation Technical Memorandum

Brad,

We have received your 22 September submittal but have yet to receive a response to General Comment #2. Please submit by Wednesday October 8, 2014.

Ray

\_\_\_\_\_

Raymond Chavira
Environmental Scientist/Remedial Project Manager
EPA Region IX
75 Hawthorne Street, SFD-7-3
San Francisco, CA 94105-3901
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To: Chavira, Raymond

Cc: Maldonado, Lewis; Platt, David UTC; <Tom.Perina@CH2M.com> (Tom.Perina@CH2M.com);

Scott.Parsons@tetratech.com

**Subject:** Decoupling of General Comment 2 of the USEPA's September 8, 2014 Comment Letter - PVOU SZN Baseline Water Quality Evaluation Technical Memorandum

Ray,

The purpose of this e-mail is to confirm that consistent with our September 11, 2014 conference call discussion, the USEPA is no longer requiring UTC/Carrier to submit a response to General Comment 2 of your September 8, 2014 (see attachment) comment letter by September 22, 2014. UTC/Carrier will respond to all other comments associated with September 8, 2014 comment letter by September 22, 2014.

Please reply with your concurrence.

Call or e-mail with questions

Bradley A Barquest, R.G. United Technologies Corporation Telephone 763-432-5695 e-fax 860-622-0566 bradley.barquest@utc.com

From: Chavira, Raymond

**Sent:** Monday, October 06, 2014 12:15 PM **To:** Barquest, Bradley A UTCHQ

**Cc:** Parsons, Scott;<Tom.Perina@CH2M.com>

**Subject:** RE: Draft Presentation for RWQCB

Follow Up Flag: Follow up Flag Status: Flagged

#### Brad,

Please provide dates of your availability to meet with RWQCB in October. We may need more than one meeting before obtaining concurrence from the RWQCB, however, I would like to resolve this issue by mid-December2014.

Please provide your draft presentation for EOPA review by Thursday October 16, 2014.

#### Ray

Raymond Chavira
Environmental Scientist/Remedial Project Manager
EPA Region IX
75 Hawthorne Street, SFD-7-3
San Francisco, CA 94105-3901
(415) 947-4218
(415) 947-3528 fax

From: Barquest, Bradley A UTCHQ [mailto:Bradley.Barquest@utc.com]

Sent: Tuesday, August 26, 2014 8:14 AM

**To:** Chavira, Raymond

**Cc:** Parsons, Scott; <Tom.Perina@CH2M.com> **Subject:** RE: Draft Presentation for RWQCB

Ray, we have already begun preparation of the draft presentation you referenced below. However without EPA's comments to the Baseline Water Quality Technical Memorandum and other supporting information (e.g., most recent draft cross sections prepared by Northrop-Grumman and EPA, etc.) any draft presentation will likely have considerable missing components/slides. Given the timing of EPA's comments to the Baseline Water Quality Technical Memorandum (scheduled for distribution on September 2, 2014) we believe a submittal date for the Draft RWQCB Presentation on September 4, 2014 is premature. As such, we cannot confirm that the Draft RWQCB Presentation will be submitted on September 4, 2014.

I would suggest that we have a conference call to discuss the EPA comments (once received) and their impact on the Draft RWQCB Presentation, agree/confirm on the anticipated content of the Draft RWQCB Presentation and then proceed with final preparation and submittal of a Draft RWQCB Presentation. We can identify the anticipated Draft RWQCB Presentation submittal date following our discussion of EPA comments to the Baseline Water Quality Technical Memorandum.

Bradley A Barquest, R.G. United Technologies Corporation Telephone 763-432-5695 e-fax 860-622-0566 bradley.barquest@utc.com

From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov]

**Sent:** Monday, August 25, 2014 9:38 PM

To: Barquest, Bradley A UTCHQ

**Cc:** Parsons, Scott; < <u>Tom.Perina@CH2M.com</u>> **Subject:** [External] Draft Presentation for RWQCB

Brad,

Please start preparing your draft presentation for the Water Board. Please include relevant background materials letters from RWQCB, potential ARARs, particle tracking and other modeling information, as well as baseline sampling results. Please provide draft for EPA review by 4 September 2014.

We are reviewing you revised baseline sampling memo and should provide comments by 2 September.

Please confirm you can provide a draft presentation by 4 September 2014

Ray

Raymond Chavira
Environmental Scientist/Remedial Project Manager
EPA Region IX
75 Hawthorne Street, SFD-7-3
San Francisco, CA 94105-3901
(415) 947-4218
(415) 947-3528 fax

Sent: Friday, July 25, 2014 4:33 AM To: Chavira, Raymond; Maldonado, Lewis

Subject: RE: PVOU Matter - Request for Meeting

Cc: Lyons, John; Hiett, Richard; Barquest, Bradley A UTCHQ; Platt, David UTC

From: Chavira, Raymond Sent: Monday, October 06, 2014 2:13 PM To: Yeich, Brian J UTCHQ Cc: Lyons, John; Hiett, Richard; Barquest, Bradley A UTCHQ;Platt, David UTC; Maldonado, Lewis RE: PVOU Matter - Request for Meeting Subject: Brian, We are on for October 14 at 1 PM. Please provide an draft agenda by COB Wednesday October 8. Ray ----Original Message-----From: Yeich, Brian J UTCHQ [mailto:BRIAN.YEICH@UTC.COM] Sent: Wednesday, August 06, 2014 5:09 AM To: Chavira, Raymond Cc: Lyons, John; Hiett, Richard; Barquest, Bradley A UTCHQ; Platt, David UTC; Maldonado, Lewis Subject: RE: PVOU Matter - Request for Meeting Good Morning Ray, Tuesday, October 14th works best for us. If possible, we'd like to start the meeting at 1pm. I hope that works for you. I'm not sure how long the discussion will take, but I think we should plan for 3 hours. If we finish earlier, great. Regards, Brian ----Original Message-----From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov] Sent: Monday, August 04, 2014 6:35 PM To: Yeich, Brian J UTCHQ Cc: Lyons, John; Hiett, Richard; Barquest, Bradley A UTCHQ; Platt, David UTC; Maldonado, Lewis Subject: [External] RE: PVOU Matter - Request for Meeting Brian, It look like the week of October 13th works best except Friday Oct 17. Ray ----Original Message-----From: Yeich, Brian J UTCHQ [mailto:BRIAN.YEICH@UTC.COM]

Ray,

Thank you.

Regards, Brian

Brian J. Yeich
Director, Remediation Programs
United Technologies Corporation HQ

EH&S 9FS-MS-101 | 9 Farm Springs Rd. | Farmington, CT 06032 | Phone: (860) 728-7624 | e-Fax: 860-660-0231 |e-

mail: Brian.Yeich@utc.com

This document contains no technical data subject to the EAR or to the ITAR.

----Original Message-----

From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov]

Sent: Thursday, July 24, 2014 8:21 PM

To: Yeich, Brian J UTCHQ; Maldonado, Lewis

Cc: Lyons, John; Hiett, Richard; Barquest, Bradley A UTCHQ Subject: [External] RE: PVOU Matter - Request for Meeting

Brian,

We have received your request for meeting and are checking schedules on this end. I should have a response by end of next week.

Ray

\_\_\_\_\_

Raymond Chavira
Environmental Scientist/Remedial Project Manager EPA Region IX
75 Hawthorne Street, SFD-7-3
San Francisco, CA 94105-3901
(415) 947-4218
(415) 947-3528 fax

----Original Message-----

From: Yeich, Brian J UTCHQ [mailto:BRIAN.YEICH@UTC.COM]

Sent: Wednesday, July 23, 2014 5:17 AM To: Chavira, Raymond; Maldonado, Lewis Subject: PVOU Matter - Request for Meeting

Good Morning,

Attached is a file containing a copy of a letter that was sent to Mr. Enrique Manzanilla requesting a meeting to discuss specific issues related to the PVOU matter. You were both included as cc's on that letter. As such, this is a copy for your use and files.

Regards, Brian

Brian J. Yeich
Director, Remediation Programs
United Technologies Corporation HQ
EH&S 9FS-MS-101 | 9 Farm Springs Rd. | Farmington, CT 06032 | Phone: (860) 728-7624 | e-Fax: 860-660-0231 | e-mail: Brian.Yeich@utc.com

This document contains no technical data subject to the EAR or to the ITAR.

From: Barquest, Bradley A UTCHQ <Bradley.Barquest@utc.com>

**Sent:** Monday, October 06, 2014 2:24 PM **To:** Chavira, Raymond; Maldonado, Lewis

Cc: Platt, David UTC;Yeich, Brian J UTCHQ

**Subject:** October 24, 2014 Meeting Logistics

### Ray and Lewis,

I wanted to let you know that a contingent of six individuals (Brian Yeich, Dave Platt, Beth Lang, Jack Krill, Scott Parsons and Brad Barquest) will be attending our meeting at the United States Environmental Protection Agency (EPA) Region IX Headquarters in San Francisco, CA., on October 14, 2014. We are requesting a room with sufficient size and lighting to accommodate the combined EPA and UTC contingents and a PowerPoint presentation. We will provide a projector.

Please confirm that this request for meeting accommodations can be met.

Call or e-mail with questions

Bradley A Barquest, R.G.
United Technologies Corporation
Telephone 763-432-5695
e-fax 860-622-0566
bradley.barquest@utc.com

From: Chavira, Raymond

Sent: Monday, October 06, 2014 5:59 PM

To: Barquest, Bradley A UTCHQ;Maldonado, Lewis
Cc: Platt, David UTC;Yeich, Brian J UTCHQ

**Subject:** RE: October 24, 2014 Meeting Logistics

#### Brad,

We will try to accommodate your requests. Please bring hardcopies of your information.

#### Ray

**From:** Barquest, Bradley A UTCHQ [mailto:Bradley.Barquest@utc.com]

Sent: Monday, October 06, 2014 2:24 PM
To: Chavira, Raymond; Maldonado, Lewis
Cc: Platt, David UTC; Yeich, Brian J UTCHQ
Subject: October 24, 2014 Meeting Logistics

Ray and Lewis,

I wanted to let you know that a contingent of six individuals (Brian Yeich, Dave Platt, Beth Lang, Jack Krill, Scott Parsons and Brad Barquest) will be attending our meeting at the United States Environmental Protection Agency (EPA) Region IX Headquarters in San Francisco, CA., on October 14, 2014. We are requesting a room with sufficient size and lighting to accommodate the combined EPA and UTC contingents and a PowerPoint presentation. We will provide a projector.

Please confirm that this request for meeting accommodations can be met.

Call or e-mail with questions

Bradley A Barquest, R.G. United Technologies Corporation Telephone 763-432-5695 e-fax 860-622-0566 bradley.barquest@utc.com

From: Yeich, Brian J UTCHQ <BRIAN.YEICH@UTC.COM>

**Sent:** Wednesday, October 08, 2014 7:43 AM

**To:** Chavira, Raymond

Cc: Lyons, John; Hiett, Richard; Barquest, Bradley A UTCHQ; Platt, David

UTC;Maldonado, Lewis;Lang, Elizabeth (Beth) B UTCHQ;Krill, Jack (john.krill@klgates.com) (John.Krill@klgates.com);Parsons, Scott

(Scott.Parsons@tetratech.com)

**Subject:** PVOU Matter - AGENDA for the Meeting

Hello Ray,

The agenda is relatively simple.

UTC/Carrier plans to discuss with EPA the following topic areas:

- 1. The historical and current situation in the PVOU, with a focus on the impact of new data on the emerging SCM
- 2. Implementation issues for the 1998 IROD
- 3. The path forward for EPA and Carrier/UTC

We plan to share a presentation with EPA that guides us through this discussion.

Regards, Brian

----Original Message-----

From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov]

Sent: Monday, October 06, 2014 5:13 PM

To: Yeich, Brian J UTCHQ

Cc: Lyons, John; Hiett, Richard; Barquest, Bradley A UTCHQ; Platt, David UTC; Maldonado, Lewis

Subject: [External] RE: PVOU Matter - Request for Meeting

Brian,

We are on for October 14 at 1 PM. Please provide an draft agenda by COB Wednesday October 8.

Ray

----Original Message-----

From: Yeich, Brian J UTCHQ [mailto:BRIAN.YEICH@UTC.COM]

Sent: Wednesday, August 06, 2014 5:09 AM

To: Chavira, Raymond

Cc: Lyons, John; Hiett, Richard; Barquest, Bradley A UTCHQ; Platt, David UTC; Maldonado, Lewis

Subject: RE: PVOU Matter - Request for Meeting

Good Morning Ray,

Tuesday, October 14th works best for us.

If possible, we'd like to start the meeting at 1pm. I hope that works for you. I'm not sure how long the discussion will take, but I think we should plan for 3 hours. If we finish earlier, great.

Regards, Brian

From: O'Dea Brill, Maureen < Maureen.ODeaBrill@klgates.com>

Sent: Thursday, October 09, 2014 9:52 AM

**To:** Chavira, Raymond

**Subject:** RE: Follow up on R9FOIA Request - EPA-R9-2014-009888

Hi Mr. Chavira:

Thank you for our conversation and for your work in fulfilling this FOIA request. I do not believe that EPA has released the results (see below). I will contact Ms. Cheng later today to request a status update.

Best regards, Maureen

#### Request Details

#### Tracking Number: EPA-R9-2014-009888



#### Contact Information -

Full Name: Maureen O'Dea Brill Mailing Location: United States/U.S. Territories

Organization: Address Line 1: 17 North Second Street

Email Address: maureen.odeabrill@klgates.com Address Line 2: Floor 18
Phone Number: 717-231-5832 City: Harrichus

one Number: 717-231-5832 City: Harrisburg
Fax Number: 717-231-4501 State/Province: Pennsylvania

Zip Code/Postal Code: 17102

#### Request Information –

Agency: Office of Public Request Phase: Processing Affairs Request Track: Simple

Will Pay Up To: \$2,500.00 Final Disposition: Undetermined
Date Submitted: 08/28/2014

Estimated Date of 10/08/2014

Completion:

#### Description: 1035/2000

General request: all records related to any failure of Northrop Grumman Systems Corporation or TRW, Inc., or their affiliates, officers, employees, or agents to submit data and any other information to USEPA, the LARWQCB or another entity. The terms "data and any other information" include data collected as part of the 2002/3 Deep Source Investigation relating to the Puente Valley Operating Unit of the San Gabriel Valley Superfund Sites, Area #4. The terms also include data and any other information regarding releases, removal and remedial activities related to the former TRW/Benchmark Technology, Inc., facility at 200 South Turnbull Canyon Road, City of Industry, California

#### Request a Fee Waiver -

Made Request? No

#### Request Expedited Handling

Made Request ? No

#### **Supporting Files**

Attached Files:

No attachments were previously added.

#### Correspondence with Requester -

correspondence with nequester			
Subject	From	Date	Detail
FOIA Request EPA-R9-2014-009888 Submitted		2014-08-28	•

# **K&L GATES**

#### Maureen O'Dea Brill

K&L Gates LLP Market Square Plaza 17 North Second Street, 18th Floor Harrisburg, Pennsylvania 17101 Phone: 717.231.5832

Fax: 717.231.4501

Maureen.O'DeaBrill@klgates.com

www.klgates.com

From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov]

Sent: Monday, September 08, 2014 1:30 PM

To: O'Dea Brill, Maureen

**Cc:** Maldonado, Lewis; Hiett, Richard; Shine, Katherine; Johnson, Ivry **Subject:** Follow up on R9FOIA Request - EPA-R9-2014-009888

Ms. O'Dea Brill,

Per our discussion this morning on EPA R9-FOIA-2014-0009888. The FOIA will be prepared under a two track process One through the Region 9 Superfund program and the other through EPA's Office of Criminal Enforcement Forensics and Training (OCEFT) in Washington, DC.

I will responding to your general request for all records related to Northrop Grumman/TRW. You agreed to consider whether the request will be limited to records provided to EPA (a) prior to Dec 2012; and/or (b) after Dec 2012. Please note the PVOU Administrative Record was last updated in Sep 2011 just prior to the issuance of the UAO 2011-14 to Northrop Grumman.

EPA will work to accommodate your request by October 1, 2014, however, due to the potential high volume of documents, we are requesting a 15-day extension to October 16, 2014.

Please feel free to call me at 415.947.4218 if you have any questions.

\_\_\_\_\_

Raymond Chavira
Environmental Scientist/Remedial Project Manager
EPA Region IX
75 Hawthorne Street, SFD-7-3
San Francisco, CA 94105-3901
(415) 947-4218
(415) 947-3528 fax

This electronic message contains information from the law firm of K&L Gates LLP. The contents may be privileged and confidential and are intended for the use of the intended addressee(s) only. If you are not an intended addressee, note that any disclosure, copying, distribution, or use of the contents of this message is prohibited. If you have received this e-mail in error, please contact me at Maureen.ODeaBrill@klgates.com.

**From:** Parsons, Scott <Scott.Parsons@tetratech.com>

Sent: Tuesday, October 14, 2014 9:01 AM

**To:** Chavira, Raymond

**Subject:** Room for today's meeting

Ray

Will the meeting room today have a screen or a wall we can project to?

Scott Parsons | Principal Engineer

Direct: 949.809.5222 | Main: 949.809.5000 | Fax: 949.809.5010

Scott.Parsons@tetratech.com

Tetra Tech

17885 Von Karmann Avenue | Suite 500 | Irvine, CA 92614-6213

PLEASE NOTE: This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

From: Chavira, Raymond

Sent: Tuesday, October 14, 2014 9:05 AM

**To:** Parsons, Scott

**Subject:** RE: Room for today's meeting

Yes

**From:** Parsons, Scott [mailto:Scott.Parsons@tetratech.com]

Sent: Tuesday, October 14, 2014 9:01 AM

To: Chavira, Raymond

Subject: Room for today's meeting

Ray

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Scott Parsons | Principal Engineer

Direct: 949.809.5222 | Main: 949.809.5000 | Fax: 949.809.5010

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17885 Von Karmann Avenue | Suite 500 | Irvine, CA 92614-6213

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From: Barquest, Bradley A UTCHQ < Bradley.Barquest@utc.com>

**Sent:** Thursday, October 16, 2014 9:25 AM

**To:** Chavira, Raymond

Cc: Platt, David UTC; Yeich, Brian J UTCHQ; Krill, Jack

(john.krill@klgates.com) (John.Krill@klgates.com);Lang, Elizabeth (Beth) B

UTCHQ;Maldonado, Lewis;Parsons, Scott

**Subject:** RE: Draft Presentation for RWQCB

Ray, consistent with our discussions on October 14, 2014, held between representatives of United Technologies Corporation (UTC), the United States Environmental Protection Agency (USEPA) and the United States Justice Department (DOJ) in San Francisco, California, I've been instructed by my management to communicate to you at this time that UTC is respectfully declining your request for submittal of the draft re-injection presentation as issues related to reinjection matters are outside the Scope of Work of the Carrier Order.

UTC will await feedback from the USEPA concerning our discussions on October 14, 2014.

### Regards,

Bradley A Barquest, R.G. United Technologies Corporation Telephone 763-432-5695 e-fax 860-622-0566 bradley.barquest@utc.com

From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov]

**Sent:** Monday, October 06, 2014 2:15 PM

To: Barquest, Bradley A UTCHQ

Cc: Parsons, Scott; <Tom.Perina@CH2M.com>

Subject: [External] RE: Draft Presentation for RWQCB

### Brad,

Please provide dates of your availability to meet with RWQCB in October. We may need more than one meeting before obtaining concurrence from the RWQCB, however, I would like to resolve this issue by mid-December2014.

Please provide your draft presentation for EOPA review by Thursday October 16, 2014.

#### Ray

Raymond Chavira
Environmental Scientist/Remedial Project Manager
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Sent: Tuesday, August 26, 2014 8:14 AM

To: Chavira, Raymond

Cc: Parsons, Scott; < <u>Tom.Perina@CH2M.com</u>> Subject: RE: Draft Presentation for RWQCB

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Bradley A Barquest, R.G.
United Technologies Corporation
Telephone 763-432-5695
e-fax 860-622-0566
bradley.barquest@utc.com

From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov]

Sent: Monday, August 25, 2014 9:38 PM

To: Barquest, Bradley A UTCHQ

**Cc:** Parsons, Scott; < <u>Tom.Perina@CH2M.com</u>> **Subject:** [External] Draft Presentation for RWQCB

Brad,

Please start preparing your draft presentation for the Water Board. Please include relevant background materials letters from RWQCB, potential ARARs, particle tracking and other modeling information, as well as baseline sampling results. Please provide draft for EPA review by 4 September 2014.

We are reviewing you revised baseline sampling memo and should provide comments by 2 September.

Please confirm you can provide a draft presentation by 4 September 2014

Ray

\_\_\_\_

Raymond Chavira
Environmental Scientist/Remedial Project Manager
EPA Region IX
75 Hawthorne Street, SFD-7-3
San Francisco, CA 94105-3901
(415) 947-4218
(415) 947-3528 fax

From: Barquest, Bradley A UTCHQ <Bradley.Barquest@utc.com>

**Sent:** Friday, October 31, 2014 7:03 AM

**To:** Chavira, Raymond

Cc: Platt, David UTC;Maldonado, Lewis

Subject: RE: Draft Access Agreement between Northrop-Grumman and UTC for S-11A Pumping

Test

Ray, in response to your question concerning the status of Northrop-Grumman's access to monitoring and extraction wells for their upcoming performance of the EPA requested long-term aquifer Pumping Test, the following information is provided:

• Northrop-Grumman and UTC do not have an agreement to allow Northrop-Grumman access to monitoring and extraction wells under UTC's control (VCW-7, S11A, S11, VCW-03 and S9) identified in your October 28, 2014 e-mail to Klaus Rohwer (consultant to Northrop-Grumman). As such, UTC will require Northrop-Grumman to submit a formal Access Agreement to UTC for review and execution prior to granting any access. This should be an easy process as Northrop-Grumman can simply modify the Draft Access Agreement UTC forwarded to you on October 28, 2014 in association with the planned use Extraction Well S11A for this test.

Therefore, please forward the Draft Access Agreement to Northrop-Grumman so that they can transfer the document to their letterhead, insert appropriate monitoring and extraction well names and numbers, insert appropriate company representative names, etc., and return the Access Agreement and necessary attachments to David Platt Esq. (UTC) for execution. We will return the executed agreement to Northrop-Grumman promptly so as to minimize potential delay in this activity.

Call or e-mail with questions

Bradley A Barquest, R.G.
United Technologies Corporation
Telephone 763-432-5695
e-fax 860-622-0566
bradley.barquest@utc.com

From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov]

Sent: Tuesday, October 28, 2014 5:00 PM

To: Barquest, Bradley A UTCHQ

Cc: Platt, David UTC; Maldonado, Lewis

Subject: [External] RE: Draft Access Agreement between Northrop-Grumman and UTC for S-11A Pumping Test

#### Brad,

Unfortunately, we made the decision to move forward with MZ-1 this morning. S11A could still be used as a backup if the MZ-1 location is infeasible. However, in addition to the wells located south of Puente Creek we have directed Northrop to install transducers in select wells north of Puente Creek (see attached (EPA email...). My understanding is that Northrop has access to these wells. Please confirm.

We appreciate UTC's assistance in this matter.

Ray

Raymond Chavira Environmental Scientist/Remedial Project Manager EPA Region IX 75 Hawthorne Street, SFD-7-3 San Francisco, CA 94105-3901

(415) 947-4218 (415) 947-3528 fax

**From:** Barquest, Bradley A UTCHQ [mailto:Bradley.Barquest@utc.com]

Sent: Tuesday, October 28, 2014 1:03 PM

**To:** Chavira, Raymond **Cc:** Platt, David UTC

Subject: Draft Access Agreement between Northrop-Grumman and UTC for S-11A Pumping Test

Ray, as discussed last week the attached file contains a Draft Access Agreement between Northrop-Grumman and UTC for use of extraction well S-11A in association with Northrop-Grumman's performance of the EPA requested long-term aquifer Pumping Test your referenced. Please forward the attached Draft Access Agreement to Northrop-Grumman so that they can transfer it to their letterhead, insert appropriate names, etc., and return the document and necessary attachments to David Platt Esq. (UTC) for execution. We will return the executed agreement to Northrop-Grumman promptly so as to minimize potential delay in this activity.

Call or e-mail with questions

From: Barquest, Bradley A UTCHQ < Bradley.Barquest@utc.com>

**Sent:** Friday, October 31, 2014 12:38 PM

**To:** Chavira, Raymond

**Subject:** Date of November 2014 Stakeholders Meeting

Ray, I need to making travel plans and cannot remember the date of the November 2014 Stakeholders Meeting. Could you please let me know.

Thanks

Happy Halloween!!!

From: Chavira, Raymond

**Sent:** Friday, October 31, 2014 12:41 PM **To:** Barquest, Bradley A UTCHQ

**Subject:** RE: Date of November 2014 Stakeholders Meeting

Brad,

The meeting is scheduled for 12:30 PM on Tuesday November 18. I assume UTC will present an update as usual. Correct?

Ray

From: Barquest, Bradley A UTCHQ [mailto:Bradley.Barquest@utc.com]

Sent: Friday, October 31, 2014 12:38 PM

To: Chavira, Raymond

Subject: Date of November 2014 Stakeholders Meeting

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From: Barquest, Bradley A UTCHQ < Bradley.Barquest@utc.com>

**Sent:** Friday, October 31, 2014 12:44 PM

**To:** Chavira, Raymond

**Subject:** RE: Date of November 2014 Stakeholders Meeting

Yes we are planning to do so. We should talk before hand to determine the content of that presentation.

To that end, I just tried calling you but got your voice mail. Are you available for a brief discussion today?

Bradley A Barquest, R.G. United Technologies Corporation Telephone 763-432-5695 e-fax 860-622-0566 bradley.barquest@utc.com

From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov]

Sent: Friday, October 31, 2014 2:41 PM

To: Barquest, Bradley A UTCHQ

Subject: [External] RE: Date of November 2014 Stakeholders Meeting

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To: Chavira, Raymond

Subject: Date of November 2014 Stakeholders Meeting

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**Thanks** 

Happy Halloween!!!

From: Chavira, Raymond

**Sent:** Friday, October 31, 2014 1:12 PM **To:** Barquest, Bradley A UTCHQ

**Subject:** RE: Date of November 2014 Stakeholders Meeting

Yes. I was on call previous.

From: Barquest, Bradley A UTCHQ [mailto:Bradley.Barquest@utc.com]

Sent: Friday, October 31, 2014 12:44 PM

To: Chavira, Raymond

Subject: RE: Date of November 2014 Stakeholders Meeting

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United Technologies Corporation
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From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov]

**Sent:** Friday, October 31, 2014 2:41 PM

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Subject: [External] RE: Date of November 2014 Stakeholders Meeting

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The meeting is scheduled for 12:30 PM on Tuesday November 18. I assume UTC will present an update as usual. Correct?

Ray

From: Barquest, Bradley A UTCHQ [mailto:Bradley.Barquest@utc.com]

Sent: Friday, October 31, 2014 12:38 PM

To: Chavira, Raymond

Subject: Date of November 2014 Stakeholders Meeting

Ray, I need to making travel plans and cannot remember the date of the November 2014 Stakeholders Meeting. Could you please let me know.

**Thanks** 

Happy Halloween!!!

Bradley A Barquest, R.G. United Technologies Corporation

Telephone 763-432-5695 e-fax 860-622-0566 bradley.barquest@utc.com

From: Chavira, Raymond

Sent: Monday, November 10, 2014 11:00 AM

To: Barquest, Bradley A UTCHQ
Cc: Maldonado, Lewis; Platt, David

**Subject:** Re: Draft Access Agreement between Northrop-Grumman and UTC for Use of various

wells during the Northrop-Grumman Pumping Test

UTC

Brad,

I think there is a misunderstanding. We are requesting UTC's participation in the planned large scale pump test by installing transducers in Shallow Zone wells S11, S09, and VCW-6 and collecting data from these tranducers. These wells and teh data collection activities therein are the responsibility of UTC/Carrier. EPA expects the data collected will be shared with NGC and vice versa upon completion of the 72 hour test.

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Please reply to confirm UTC's participation in the pump test by November 17, 2014.

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From: Barquest, Bradley A UTCHQ <Bradley.Barquest@utc.com>

Sent: Monday, November 10, 2014 10:38 AM

To: Chavira, Raymond

Cc: Maldonado, Lewis; Platt, David UTC

Subject: Draft Access Agreement between Northrop-Grumman and UTC for Use of various wells during the Northrop-

**Grumman Pumping Test** 

Ray,

In response to your voice mail of Friday November 7, 2014, I am sending you the attached draft Access Agreement permitting Northrop-Grumman to utilize wells S11, S09, and VCW06 during the long term aquifer test that will be performed by Northrop-Grumman. Please forward the attached Draft Access Agreement to Northrop-Grumman so that they can transfer it to their letterhead, insert appropriate names, etc., and return the document and necessary attachments to David Platt Esq. (UTC) for execution. We will return the executed agreement to Northrop-Grumman promptly to minimize potential delay in this activity.

Call or e-mail with questions

Bradley A Barquest, R.G. United Technologies Corporation Telephone 763-432-5695 e-fax 860-622-0566 bradley.barquest@utc.com

From: Barquest, Bradley A UTCHQ <Bradley.Barquest@utc.com>

**Sent:** Friday, November 14, 2014 8:16 AM

**To:** Chavira, Raymond

Cc: Hiett, Richard; Maldonado, Lewis; Yeich, Brian J

UTCHQ;Scott.Parsons@tetratech.com;Platt, David UTC

**Subject:** Request for Conference Call to Discuss EPA's Request for UTC's Participation in the

Northrop-Grumman planned large scale pump test

Ray, UTC would like to have a conference call on Monday November 17, 2014 at either 10:30 am or 11:30 am pacific (1:30 pm or 2:30 pm eastern) to discuss your request concerning UTC's participation in the Northrop-Grumman planned large scale pump test by installing transducers in Shallow Zone wells S11, S09, and VCW-6 and collecting data from these transducers, etc. (see you e-mail below). The UTC participants for the call will include David Platt, Esq., Brian Yeich, Brad Barquest and Scott Parsons (Tetra Tech). We request EPA's participants include Rich Hiett, Lewis Maldonado, Esq., and you.

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Please confirm Rich's, Lewis' and your availability and I will set up a conference call and forward the Dial-In and Access numbers.

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bradley.barquest@utc.com

From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov]

Sent: Monday, November 10, 2014 1:00 PM

To: Barquest, Bradley A UTCHQ

Cc: Maldonado, Lewis; Platt, David UTC

Subject: [External] Re: Draft Access Agreement between Northrop-Grumman and UTC for Use of various wells during

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Cc: Maldonado, Lewis; Platt, David UTC

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Call or e-mail with questions

From: Chavira, Raymond

**Sent:** Friday, November 14, 2014 3:11 PM **To:** Barquest, Bradley A UTCHQ

Cc: Hiett, Richard; Maldonado, Lewis; Yeich, Brian J

UTCHQ;Scott.Parsons@tetratech.com;Platt, David UTC

**Subject:** RE: Request for Conference Call to Discuss EPA's Request for UTC's Participation in the

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**Sent:** Friday, November 14, 2014 4:03 PM

**To:** Chavira, Raymond

Cc: Hiett, Richard; Maldonado, Lewis; Yeich, Brian J

UTCHQ;Scott.Parsons@tetratech.com;Platt, David UTC

**Subject:** RE: Request for Conference Call to Discuss EPA's Request for UTC's Participation in the

Northrop-Grumman planned large scale pump test

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Also I am staying at the Marriott in Hacienda Heights on Monday Night if you want to try for dinner.

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Sent: Friday, November 14, 2014 5:11 PM

To: Barquest, Bradley A UTCHQ

Cc: Hiett, Richard; Maldonado, Lewis; Yeich, Brian J UTCHQ; Scott.Parsons@tetratech.com; Platt, David UTC

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From: Chavira, Raymond

**Sent:** Monday, November 17, 2014 12:01 PM **To:** Barquest, Bradley A UTCHQ

Cc: Hiett, Richard; Maldonado, Lewis; Yeich, Brian J

UTCHQ;Scott.Parsons@tetratech.com;Platt, David UTC

**Subject:** RE: Request for Conference Call to Discuss EPA's Request for UTC's Participation in the

Northrop-Grumman planned large scale pump test

### Brad,

We will be receiving the latest package from NGC on Monday November 24. Data from large scale pump test will provide the necessary adjustments to the CSM layering and parameters for a recalibrated model.

### Ray

From: Barquest, Bradley A UTCHQ [mailto:Bradley.Barquest@utc.com]

Sent: Friday, November 14, 2014 8:16 AM

To: Chavira, Raymond

Cc: Hiett, Richard; Maldonado, Lewis; Yeich, Brian J UTCHQ; Scott.Parsons@tetratech.com; Platt, David UTC

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From: Chavira, Raymond

**Sent:** Monday, November 17, 2014 1:22 PM **To:** Barquest, Bradley A UTCHQ

Subject: RE: Request for Conference Call to Discuss EPA's Request for UTC's Participation in the

Northrop-Grumman planned large scale pump test

I should make it to HH Courtyard by 6:30 PM. I will call then

Ray

From: Barquest, Bradley A UTCHQ [mailto:Bradley.Barquest@utc.com]

Sent: Friday, November 14, 2014 4:03 PM

To: Chavira, Raymond

Cc: Hiett, Richard; Maldonado, Lewis; Yeich, Brian J UTCHQ; Scott.Parsons@tetratech.com; Platt, David UTC

Subject: RE: Request for Conference Call to Discuss EPA's Request for UTC's Participation in the Northrop-Grumman

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Cc: Hiett, Richard; Maldonado, Lewis; Yeich, Brian J UTCHQ; <a href="mailto:scott.Parsons@tetratech.com">Scott.Parsons@tetratech.com</a>; Platt, David UTC

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From: Barquest, Bradley A UTCHQ < Bradley.Barquest@utc.com>

Sent: Thursday, November 20, 2014 10:55 AM

**To:** Chavira, Raymond

Cc: Hiett, Richard; Maldonado, Lewis; Yeich, Brian J

UTCHQ;Scott.Parsons@tetratech.com;Platt, David UTC;Lang, Elizabeth (Beth) B

UTCHO

**Subject:** UTC's Response to EPA's Request for UTC's Participation in the Northrop-Grumman

planned large scale pump test

Follow Up Flag: Follow up Flag Status: Flagged

Ray,

I write in response to your email dated November 10, 2014 (below) and as a follow up to our discussions on November 17 and 18, 2014 concerning EPA's request that UTC participate in the Northrop-Grumman planned large scale pump test by installing transducers in Shallow Zone wells S11, S09, and VCW-6 and collecting data from those transducers. Notwithstanding the reservations we have shared with you about whether it is appropriate for UTC to do so, UTC will agree to perform the activities outlined in your November 10, 2014 email. Of course, our agreement is subject to confirmation of the details for performing these activities. It is our understanding that EPA is working with Northrup Grumman to develop a Work Plan and that the Work Plan will be forwarded to UTC in the near future for review and comment.

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From: Chavira, Raymond

Sent: Wednesday, December 03, 2014 5:44 PM

**To:** Parsons, Scott

**Subject:** Request for e Copy of Remedial Progress Report 3Q 2014

Hi Scott,

Please send an e-copy of the Remedial Progress Report 3Q 2014 dated 31 October 2014. Thanks in advance

Raymond Chavira Environmental Scientist/Remedial Project Mangager EPA Region 9 75 Hawthorne Street; SFD-7-3 San Francisco, CA 94105-3901 (415) 947-4218

From: Parsons, Scott <Scott.Parsons@tetratech.com>
Sent: Wednesday, December 03, 2014 7:14 PM

**To:** Chavira, Raymond

**Subject:** RE: Request for e Copy of Remedial Progress Report 3Q 2014

Ray,

I will send tomorrow (Thursday)

#### Scott Parsons | Principal Engineer

Direct: 949.809.5222 | Main: 949.809.5000 | Fax: 949.809.5010 Scott.Parsons@tetratech.com

Tetra Tech

17885 Von Karmann Avenue | Suite 500 | Irvine, CA 92614-6213

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From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov]

Sent: Wednesday, December 03, 2014 5:44 PM

To: Parsons, Scott

Subject: Request for e Copy of Remedial Progress Report 3Q 2014

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Please send an e-copy of the Remedial Progress Report 3Q 2014 dated 31 October 2014. Thanks in advance

Raymond Chavira Environmental Scientist/Remedial Project Mangager EPA Region 9 75 Hawthorne Street; SFD-7-3 San Francisco, CA 94105-3901 (415) 947-4218

From: Chavira, Raymond

Sent: Thursday, December 04, 2014 10:02 AM

To: Parsons, Scott

**Subject:** RE: Request for e Copy of Remedial Progress Report 3Q 2014

Scott,

You can send via email rather than CD.

**From:** Parsons, Scott [mailto:Scott.Parsons@tetratech.com]

Sent: Wednesday, December 03, 2014 7:14 PM

To: Chavira, Raymond

Subject: RE: Request for e Copy of Remedial Progress Report 3Q 2014

Ray,

I will send tomorrow (Thursday)

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Direct: 949.809.5222 | Main: 949.809.5000 | Fax: 949.809.5010 Scott.Parsons@tetratech.com

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From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov]

Sent: Wednesday, December 03, 2014 5:44 PM

To: Parsons, Scott

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Raymond Chavira Environmental Scientist/Remedial Project Mangager **EPA Region 9** 75 Hawthorne Street: SFD-7-3 San Francisco, CA 94105-3901 (415) 947-4218

From: Scott Parsons <Scott.Parsons@tetratech.com>
Sent: Thursday, December 04, 2014 1:52 PM

**To:** Chavira, Raymond

**Subject:** RE: Request for e Copy of Remedial Progress Report 3Q 2014

Follow Up Flag: Follow up Flag Status: Flagged

Click the links below to download the files. Files will expire Tue Dec 16 15:52:05 2014. CAO Q3\_20141030.pdf (34,101,342 bytes)

Package details:

From: Scott.Parsons@tt

To: Chavira.Raymond@epa.gov

Subject: RE: Request for e Copy of Remedial Progress Report 3Q 2014

Arrived: Thu Dec 04 15:52:04 2014

# Ray,

A copy of the Remedial Progress Report for the third quarter of 2014 is attached.

Total file size: 34,101,342 bytes

From: Tatiana Moisseeva < Tatiana. Moisseeva @tetratech.com >

Sent: Thursday, December 04, 2014 3:51 PM

**To:** Chavira, Raymond

**Subject:** 2014 Annual Comprehensive Groundwater Monitoring Report

Click the links below to download the files. Files will expire Sat Jan 03 17:50:04 2015. ACGWMR\_20141203 with Appendices.pdf (135,912,486 bytes)

Package details:

From: tatiana.moisseeva@tt

To: chavira.raymond@epamail.epa.gov

Subject: 2014 Annual Comprehensive Groundwater Monitoring Report

Arrived: Thu Dec 04 17:50:33 2014

Good afternoon,

Attached is the 2014 Annual Comprehensive Groundwater Monitoring Report.

From: Chavira, Raymond

Sent: Thursday, December 04, 2014 4:04 PM

**To:** Tatiana Moisseeva

**Subject:** RE: 2014 Annual Comprehensive Groundwater Monitoring Report

### Tatiana,

Is this the same file as sent earlier? Or was there a change?

### Ray

**From:** Tatiana Moisseeva [mailto:Tatiana.Moisseeva@tetratech.com]

Sent: Thursday, December 04, 2014 3:51 PM

To: Chavira, Raymond

Subject: 2014 Annual Comprehensive Groundwater Monitoring Report

Click the links below to download the files. Files will expire Sat Jan 03 17:50:04 2015. ACGWMR\_20141203 with Appendices.pdf (135,912,486 bytes)

Package details:

From: tatiana.moisseeva@tt

To: chavira.raymond@epamail.epa.gov

Subject: 2014 Annual Comprehensive Groundwater Monitoring Report

Arrived: Thu Dec 04 17:50:33 2014

Good afternoon,

Attached is the 2014 Annual Comprehensive Groundwater Monitoring Report.

From: Moisseeva, Tatiana < Tatiana. Moisseeva@tetratech.com>

Sent: Thursday, December 04, 2014 4:10 PM

**To:** Chavira, Raymond

**Subject:** RE: 2014 Annual Comprehensive Groundwater Monitoring Report

Hi Ray,

In the previous version there was a small typo in the response to comments section.

Apologies about that. Thank you, Tatiana

From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov]

Sent: Thursday, December 04, 2014 4:04 PM

To: Moisseeva, Tatiana

Subject: RE: 2014 Annual Comprehensive Groundwater Monitoring Report

Tatiana,

Is this the same file as sent earlier? Or was there a change?

Ray

From: Tatiana Moisseeva [mailto:Tatiana.Moisseeva@tetratech.com]

Sent: Thursday, December 04, 2014 3:51 PM

To: Chavira, Raymond

Subject: 2014 Annual Comprehensive Groundwater Monitoring Report

Click the links below to download the files. Files will expire Sat Jan 03 17:50:04 2015.

ACGWMR\_20141203 with Appendices.pdf (135,912,486 bytes)

Package details:

From: tatiana.moisseeva@tt

To: chavira.raymond@epamail.epa.gov

Subject: 2014 Annual Comprehensive Groundwater Monitoring Report

Arrived: Thu Dec 04 17:50:33 2014

Good afternoon,

Attached is the 2014 Annual Comprehensive Groundwater Monitoring Report.

From: Chavira, Raymond

Sent: Thursday, December 04, 2014 4:17 PM

**To:** Moisseeva, Tatiana

**Subject:** RE: 2014 Annual Comprehensive Groundwater Monitoring Report

Thanks for clarifying. Have a good evening.

From: Moisseeva, Tatiana [mailto:Tatiana.Moisseeva@tetratech.com]

Sent: Thursday, December 04, 2014 4:10 PM

To: Chavira, Raymond

Subject: RE: 2014 Annual Comprehensive Groundwater Monitoring Report

Hi Ray,

In the previous version there was a small typo in the response to comments section.

Apologies about that.

Thank you, Tatiana

From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov]

Sent: Thursday, December 04, 2014 4:04 PM

To: Moisseeva, Tatiana

Subject: RE: 2014 Annual Comprehensive Groundwater Monitoring Report

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Ray

From: Tatiana Moisseeva [mailto:Tatiana.Moisseeva@tetratech.com]

Sent: Thursday, December 04, 2014 3:51 PM

To: Chavira, Raymond

Subject: 2014 Annual Comprehensive Groundwater Monitoring Report

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To: chavira.raymond@epamail.epa.gov

Subject: 2014 Annual Comprehensive Groundwater Monitoring Report

Arrived: Thu Dec 04 17:50:33 2014

Good afternoon,

Attached is the 2014 Annual Comprehensive Groundwater Monitoring Report.

From: Parsons, Scott <Scott.Parsons@tetratech.com>

Sent: Tuesday, December 16, 2014 10:55 AM

**To:** Ayele, Bizuayehu@Waterboards

**Cc:** Chavira, Raymond

**Subject:** City of Industry Indoor Air Sampling

Bizu,

Tetra Tech, on behalf of Carrier Corporation, intends to perform the winter indoor air sampling event at the former Carrier facility in City of Industry, CA on December 26 and 27, 2014. We have learned from the property manager that this weekend may be the only time this winter that the business occupying the warehouse space can accommodate the LARWQCB's requirement of turning off all ventilation for 60 consecutive hours (36 hours of stabilization followed by a 24 hour sampling period). Unless we hear otherwise from you we will proceed with the sampling on December 26 and 27, 2014.

Thank you. Please do not hesitate to call if you have any questions.

Scott Parsons | Principal Engineer

Direct: 949.809.5222 | Main: 949.809.5000 | Fax: 949.809.5010

Scott.Parsons@tetratech.com

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